

Annual Meeting of the 'HIPPI'
(High Intensity Pulsed Proton Injectors)
Joint Research Activity
September 29 - October 1, 2004
Frankfurt am Main, Germany

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Welcome to the Frankfurt homepage of the 'HIPPI' annual meeting, which will be held from September 29'th to October 1'st, 2004, at the Institute for Applied Physics (IAP), J.W. Goethe University in Frankfurt a.M.

This homepage provided by the local organizers aims to facilitate the preparation of the meeting and should be complementary to the official 'HIPPI' web site.

For further information on the scope and scientific programme of the 'HIPPI' joint research activity, as well as on the present meeting, please visit the official web sites at:

<http://mgt-hippi.web.cern.ch/mgt-hippi/> and
<http://hippi04.web.cern.ch/hippi04/index.htm>

On this site you can find the following information:

- [Programme](#)
- [List of participants](#)
- [Local organizers](#)
- [Travel](#)
- [Accomodation](#)
- [Local premises and equipment](#)
- [Poster announcement](#)

Programme

The preliminary programme has been **updated September 13th**.

Please check for subsequent changes.

Wednesday 29, September, morning		
9h ³⁰	Welcoming address	U.Ratzinger
9h ⁴⁵	Introduction and scope of the meeting	R.Garoby
WORK PACKAGE 4 (<i>Chopper</i>)		
10h ⁰⁰	Introduction by the WP coordinator (10'+5')	A. Lombardi
10h ¹⁵	RAL Activity (20'+10')	M. Clarke-Gayther
10h ⁴⁵	<i>Coffee break</i>	
11h ⁰⁰	CERN chopper with highlight on the amplifier tests / problems / possible solutions (20'+10')	M. Paoluzzi
11h ³⁰	Dump and collimator for the CERN 3 MeV line	L. Bruno (<i>tbc</i>)
12h ⁰⁰	Chopper measurement strategy (20'+10')	E. Sargsyan
12h ³⁰	<i>End of session</i>	
Wednesday 29, September, afternoon		
WORK PACKAGE 2 (<i>Normal Conducting RF struct.</i>)		
14h ⁰⁰	Introduction by the WP coordinator (5'+5')	J.M. De Conto
14h ¹⁰	Activities at RAL: Statistical errors and beam halo, the 180 MeV linac upgrade for ISIS (30'+10')	F. Gerigk
14h ⁵⁰	Status of the RT CH-DTL development and beam dynamics layout of the GSI Proton Linac (40'+10')	R. Tiede
15h ⁴⁰	<i>Coffee break</i>	
16h ⁰⁰	DTL: IPHI experience, coupling calculations, general design (30'+10')	P.E. Bernaudin / M. Vretenar
16h ⁴⁰	CCDTL developments (30'+10')	M. Vretenar
17h ²⁰	Side coupled cavities design (30'+10')	M. Vretenar / J.M. Deconto
18h ⁰⁰	<i>Adjourn</i>	

Thursday 30, September, morning		
WORK PACKAGE 3 (<i>Superconducting RF structures</i>)		
9h ⁰⁰	Introduction by the WP coordinator (5'+5')	S. Chel
9h ¹⁰	Status of the sc CH-DTL development (20'+10')	H. Podlech
9h ⁴⁰	Status of the spoke developments at IPN (20'+10')	G. Olry
10h ¹⁰	Status of triple spoke developments at Juelich (20'+10')	E. Zaplatin
10h ⁴⁰	<i>Coffee break</i>	
11h ⁰⁰	Status of the elliptical cavity developments at INFN (20'+10')	P. Pierini
11h ³⁰	Status of the elliptical cavity developments at Saclay (20'+10')	S. Chel
12h ⁰⁰	<i>End of session</i>	
Thursday 30, September, afternoon		
WORK PACKAGE 5 (<i>Beam Dynamics</i>)		
14h ⁰⁰	Introduction by the WP coordinator (10'+5')	I. Hofmann
14h ¹⁵	Status of the LORASR code preparation for benchmarking (20'+5')	R. Tiede
14h ⁴⁰	End-to-end simulations of LINAC4 with emphasis on the halo measurement at 3 MeV (20'+5')	A. Lombardi
15h ⁰⁵	Status of the CEA activities (20'+5')	R. Duperrier
15h ³⁰	<i>Coffee break</i>	
15h ⁵⁰	Status of beam dynamics experiments at the UNILAC (20'+5')	L. Groening
16h ¹⁵	Space charge effect at different initial distributions between 2.5 MeV and 50 MeV (20'+5')	N. Vashyukin
16h ⁴⁰	First Steps on Path/IMPACT code comparison for LINAC4 (10'+5')	F. Gerigk
16h ⁵⁵	Status of HIPPI code benchmarking (15'+5')	A. Franchi
17h ¹⁵	More presentation or discussion	
18h ⁰⁰	<i>Adjourn</i>	

Friday 1, October		
9h ⁰⁰	HIPPI work-package meetings (<i>in parallel with ESAC deliberations</i>)	
10h ³⁰	<i>Coffee break</i>	
11h ⁰⁰	ESAC preliminary assessment	
12h ³⁰	Concluding talk	
13h ⁰⁰	<i>Adjourn</i>	

[List of participants](#) updated September 14, 2004

CEA, Saclay, France:

Pierre Emmanuel Bernaudin

Stephane Chel

Michel Desmons

Romuald Duperrier

CERN, Geneva, Switzerland:

Roland Garoby

Maurizio Vretenar

Alessandra Lombardi

Edgar Sargsyan

Mauro Paoluzzi

LPSC, Grenoble, France:

Jean Marie Deconto

Yolanda Gomez

RAL, Chilton, UK:

Christopher Prior

Mike Clarke-Gaither

Frank Gerigk

GSI, Darmstadt, Germany:

Ingo Hofmann

Winfried Barth

Andrea Franchi

Giuliano Franchetti

Lars Groening

Anna Orzhekhovskaya

Stephan Yaramyshev

Peter Forck

Andreas Peters

Xuejun Yin

FZJ, Juelich, Germany:

Raimund Toelle

Nikita Vashyukin

Evguenij Zaplatin

Yurij Senichev (to be confirmed)

IPN, Orsay, France:

Guillaume Olry

Hui Min Gassot

INFN-MI, Milan, Italy:

Paolo Pierini

IAP, Frankfurt, Germany:

Ulrich Ratzinger

Holger Podlech

Rudolf Tiede

Andreas Sauer

Holger Höltermann

Gianluigi Clemente

Horst Klein

Reinard Becker

Local organizers

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Travel

From Frankfurt Rhein-Main-Airport :

Take any S-train towards Frankfurt city (S8 / S9) and leave it at the main railway station (Hauptbahnhof).

See also: [RMV](#), where you can also download a [Frankfurt public transport network scheme](#).

Then change to subway U4, direction Bockenheimer Warte. You leave at Bockenheimer Warte (final station). Choose the exit Senckenberganlage. Go down Senckenberganlage, pass the Senckenberg Museum. The first street to the right is Robert-Mayer-Str.2-4.

See also map of the surrounding area : http://www.uni-frankfurt.de/fb13/iap/e_iap/plan.html

By car :

Our institute is located quite central, close to the Frankfurt Trade Fair area ('Messe'). The common way you will arrive by using the highway is from the direction: A5 / A648 / B44 (Theodor-Heuss-Allee) / pass by the Trade Fair ('Messe') / Hamburger Allee (Marriott Hotel) / Robert-Mayer-Str.

In order to avoid copyright violations, we cannot provide you with a detailed city map, as offered by commercial web services.

Please make use of such a service and build up your personal itinerary, for example at [WEB.DE](#)

Accomodation

We have ordered rooms in advance at the hotels listed below.

Please refer to the " HIPPI-Meeting".

Hotels should be booked before September 1st.

1. Hotel "[Beethoven](#)", Beethovenstr. 46, 60325 Frankfurt am Main,

Tel.: +49-69-74 34 97 0, Fax: +49-69-74 84 66

Single rooms standard 90 EUR/night, comfort 98 EUR/night

about 10 - 15 rooms

2. Hotel "[Breesen](#)", Varrentrappstr. 73, 60486 Frankfurt am Main,

Tel.: +49-69-97 06 160, Fax: +49-69-97 06 16 10

Single rooms ca. 80 EUR/night

about 10 rooms

3. Hotel "**Diana**" Westendstr. 83, 60325 Frankfurt am Main,

Tel.: +49-69-74 70 07

Single rooms 52,- EUR/night, double for single 62,- EUR/night

about 10 single, 10 doubles

All of these hotels are in walking distance to IAP (not more than 15 minutes).

[Local premises and equipment](#)

- For the plenary sessions our lecture hall with a capacity of about 200 seats will be available :



Lecture hall (Robert-Mayer-Str. 2-4, ground floor).

- For the parallel sessions on Friday, 2 additional conference rooms with a capacity of 20 - 30 seats will be available.
On demand, additional rooms could be offered.



Example of a conference room (20 seats).

- The rooms will be equipped with video and overhead projectors. For presentations, the organizers will provide 1 laptop (Windows 2000™ ; Office 2000™ ; Acrobat Reader™ ...). You can either make use of it (in this case please store your talk on an appropriate device or send it by e-mail in advance), or you are free to use your own laptop.
- During the meeting, a PC connected to the Internet will be provided for e-mail correspondence. Please connect to your e-mail provider preferably by a web-based interface.
- Wireless LAN access is provided on the University Campus - also within our building - but restricted to users with a Frankfurt University account. The organizers will clarify the possibility of a guest access and inform you on the procedure at the start of the meeting.

Poster announcement

In agreement with the activity coordinators, the plenary sessions on Wednesday and Thursday are open to interested IAP members and Frankfurt University staff.

This is why the meeting will be announced on the Campus by a poster:



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(High Intensity Pulsed Proton Injectors)
European Joint Research Activity,
September 29th - October 1st 2004,
Frankfurt, Germany,
Hrsaal IAP, Robert-Mayer-Straße 2-4

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Link to: <http://hipp-hpp.web.cern.ch/hipp-hpp/>
<http://www.iap.uni-frankfurt.de/hipp/hipp04/>

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We wish you a pleasant stay in Frankfurt and a successful meeting!